

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

*Complete if Known*

Application Number	10/616,204
Filing Date	July 10, 2003
First Named Inventor	Shunpei YAMAZAKI et al.
Art Unit	2826
Examiner Name	Tan N. Tran

Attorney Docket Number

740756-2630

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	Kind Code <sup>3</sup> (if known)			
TT	1	US-5,962,962		10/05/1999	Fujita et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>5</sup> Number <sup>6</sup>	Kind Code <sup>3</sup> (if known)				
TT	2	JP 08-078159		03/22/1996	FUJITA et al.		AB
TT	3	JP 10-189252		07/21/1998	HOSOKAWA		AB
TT	4	JP 08-241048		09/17/1996	CHIN et al.		AB
TT	5	EP 0 781 075 A1		06/25/1997	FUJITA et al.		FULL
TT	6	EP 0 717 445 A2		06/19/1996	TANG et al.		FULL

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TT	7	M.A. Baldo et al. "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence"; Applied Physics Letters; Vol. 75, Number 1; July 5, 1999; pp. 4-6	
TT	8	Tetsuo TSUTSUI et al. "Electroluminescence in Organic Thin Films"; Photochemical Processes in Organized Molecular Systems; 1991; pp. 437-450.	
TT	9	Tetsuo TSUTSUI et al. "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; Jpn. J. Appl. Phys. Vol. 38, Part 2, No. 12B, December 15, 1999; PP. L1502-1504.	
TT	10	M.A. Baldo et al. "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices"; Letters to Nature; Vol. 395; September 10, 1998; pp.151-154.	

Examiner Signature	/Tan Tran/	Date Considered	09/01/2006
--------------------	------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 2023.



Substitute for form 1449A/PTO				<i>Complete if Known</i>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number 10/616,204
				Filing Date July 10, 2003
				First Named Inventor Shunpei YAMAZAKI et al.
				Art Unit 2871
				Examiner Name Tan N. Tran
Sheet		of		Attorney Docket Number 740756-2630

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>2</sup> Number <sup>3</sup> (if known)				
TT	JP 06-325868		11/25/1994	Harutaka		AB

#### **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	/Tan Tran/	Date Considered	09/01/2006
-----------------------	------------	--------------------	------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

### Complete if Known

Application Number	10/616,204
Filing Date	July 10, 2003
First Named Inventor	Shunpei YAMAZAKI et al.
Art Unit	2826
Examiner Name	Tan N. Tran
Attorney Docket Number	740756-2630

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		US-4,356,429	10/26/1982	TANG et al.	
TT		US-4,539,507	09/03/1985	VANSLYKE et al.	
TT		US-4,720,432	01/19/1988	VANSLYKE et al.	
TT		US-4,769,292	09/06/1988	TANG et al.	
TT		US-4,885,211	12/05/1989	TANG et al.	
TT		US-4,950,950	08/21/1990	PERRY et al.	
TT		US-5,047,687	09/10/1991	VANSLYKE	
TT		US-5,059,861	10/22/1991	LITTMAN et al.	
TT		US-5,059,862	10/22/1991	VANSLYKE et al.	
TT		US-5,061,617	10/29/1991	MASKASKY	
TT		US-5,073,446	12/17/1991	SCOZZAFAVA et al.	
TT		US-5,151,629	09/29/1992	VANSLYKE	
TT		US-5,294,869	03/15/1994	TANG et al.	
TT		US-5,294,870	03/15/1994	TANG et al.	
TT		US-5,610,742	03/11/1997	HINATA et al.	
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	/Tan Tran/	Date Considered	09/01/2006
--------------------	------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.